

IN THE SPECIFICATION:

Replace the full paragraph from line 7 to line 21 on page 37 with the following paragraph:

A' - In FIG. 24, there is shown a block diagram of another embodiment of a portion of the column and detector array forming a part of a chromatographic monitor including the flow cells 122A-122E (only 122E and 122R being shown for simplicity), light sensors 191A-191E, a multiplexer 145, one pole low pass filters 192A-192E for storing energy from the photocells between read-out stroke time by the multiplexer 145, and signal processing circuitry for supplying signals to the microprocessor 147 through conductor 188. A one pole low pass filter with a Dirac pulse fall time  $(1-1/e)$  equal to the multiplexer ground cycle time is satisfactory. This circuitry is similar to the circuitry of FIG. 17 and identical reference numbers are used for corresponding parts. The photodiodes of the detectors 191A-191E are each connected to a different one of a plurality of inputs to the multiplexer 145 through a corresponding one of a plurality of circuits 192A-192E and 192R that store energy during the time the corresponding inlet is not connected through the multiplexer to the signal processing circuitry that forms a part of an absorbance monitor. Preferably the energy storing circuit is a non-switching circuit with low bandwidth and a flat-topped response to an impulse. This improves the signal to noise ratio.- -